

Asset Management IGA – Expanded

Issue:

1. Michigan's transportation assets need to be managed and operated on a coordinated cross jurisdictional basis in a cost effective way to move people, goods and services as comfortably, efficiently and safely as possible.
2. Political influence in asset management.
3. Directly involve the citizens in prioritizing the management of transportation assets.
4. Lack of uniform data collection and reporting systems.
5. Infrastructure to safely and effectively carry out truck safety, weight and inspection, and enforcement.
6. Have and develop strategic evaluation tools and utilize them to educate public, boards, practitioners, etc.
7. Lack of common performance measures of assets and determination of resource allocation in a multi-modal manner.
8. Are there negative (i.e., legal ramifications) resulting from implementation of an asset management system.
9. Not having a good inventory of assets and not having an efficient way to maintain it.
10. No common understanding in data collection, coordination, and management between jurisdictions and between transportation modes.
11. Lack of comprehensive inventory of all transportation assets.
12. Need for adequate data on status of existing facility and using that data for informed decisions.
13. Asset management means different things to different people. We need a common understanding of what asset management means. We need clearly understood definitions of cost effectiveness/benefit.
14. Fragmented jurisdictions are an impediment to the implementation of an efficient asset management system, and results in jurisdictional competition for funding.

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Goals:

1. Create a long-term vision of transportation.
2. Preserve and build on our current system.
3. Across the board funding.
4. Coordinated services between modes, jurisdictions and partners.
5. Expand the use of integrated technology.
6. Establish common performance measures across all transportation modes.
7. Establish a cost benefit analysis model that all jurisdictions can use.
8. Integrate political influence with asset management.
9. Become a leader in the application of new technology to move from reactive structural improvement to proactive preventive maintenance.
10. Lack of uniform data collection and reporting system.
11. All transportation revenues including penal fines be reinvested into transportation infrastructure.
12. Complete total system evaluation of remainder of system, bridges, culverts, signs, etc.
13. Improve understanding of asset management by stakeholders and policy makers.
14. Create and maintain a comprehensive inventory/data base.
15. Prioritize and manage assets across functional silos (organization/department managing particular assets).
16. Establish standard definitions and common performance measures for asset management.
17. Create a long-term integrated vision of the transportation system operation.
18. Forecast needs in order to estimate benefits.
19. Forecast the return on investment of asset management and communicate to policy makers, stakeholders and the public.

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Actions:

1. Setting parameters for prioritizing maintenance and preservation.
2. Continue involvement/research/activity in transportation technology.
3. Select the best IT system for all agencies to use.
4. Look at other state's best practices.
5. Public awareness and education of value of asset management.
6. Establish a public input and feedback process on how we are managing our assets.
7. Design and implement uniform data collection and reporting systems.
8. Implementation of technology to further management of transportation infrastructure.
9. Develop public education activities and information about the value of the process.
10. Engage in research to develop common inter-modal performance measures and best practices.
11. Informational/training sessions for elected officials/decision makers.
12. Implement process for maintaining a comprehensive inventory.
13. Developing a user friendly asset management system so enhancements within infrastructure are actually completed.
14. Develop/select the analytical tools and definitions for agencies to use to implement the goals.
15. Select best ITS system to improve capacity.
16. Develop and implement a process to incorporate asset management results into transportation infrastructure improvements.
17. Educate policy makers on the benefit of funding asset management.